

Appl. No. 09/824,650
Examiner: Pyzocha, Michael J, Art Unit 2137
In response to the Office Action dated November 3, 2004

Date: January 19, 2005
Attorney Docket No. 10112081

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph at page 2, line 10 the following rewritten paragraph:

-- The invention provides a method and system for data encryption/decryption in a client-server architecture to facilitate censorship of the web content and at the same time to establish a fee-based membership. The invention divides the content to distribute on the Internet into a plurality of channels, then decides which channels should be encrypted. Encryption can either proceed at the server or client. Client is free to choose channels to watch. If the chosen channels are encrypted and as a result unreadable or scramble, then client has to request or purchase a decryption device for channel decryption. As the decryption device is installed in the client computer system. The decryption device is represented as an icon such as a magnifier for the client to drag and drop onto the images of the channels which the client wish to read or watch. It followed that, the decryption device then confirm whether the channels beneath it is the aiming channels. If yes, the device proceed to ~~decrypt~~ decrypt channels so that the client can read or watch the corresponding decrypted channels lies ~~beneath~~ beneath the decryption device. Once the decryption ~~device is~~ device is removed from the channel image, then the content of the channel will be returned to the encrypted state and become unreadable or scramble again.

Please replace the paragraph at page 4, line 18 the following rewritten paragraph:

-- Referring to FIG. 2, a ~~client 31~~ client 31 includes a channel-receiving module 29 and a decryption module 30. When the channel-receiving module 29 receives the data stream at the

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client 31, the decryption module 30 is required for the decryption. The channel receiving ~~module29~~ module 29 using a data-receiving module 21 to make a channel request, then receive the data stream from the ~~server12~~ server 12. A channel differentiating unit 22 recovers the data stream into a plurality of channels. The channels are temporarily stored in data buffer unit 23. The first interface unit 24 is a window interface, and users can select or flip to different channels with it. However, users can select one channel at one time. The format of the performing window environment follows the format of the channel temporarily stored in a data buffer unit 23. For example, if channel A contains graphics then channel data will performed the graphics it intended to render. In the same way, If channel B is audio, then the performing of decrypt channel will be audio. If channel C is multimedia format, then the performing of channel C will be multimedia. However, it is restricted to the condition that the channel data temporarily stored in the data buffer unit 23 is unencrypted. Concerning encrypted data, the first interface unit 24 regards it as text files which results in scrambles shown in the window. The channel-receiving module 29 further comprises a first detection unit 25 for receiving encrypted data of the first interface unit 24. It is also responsible for detecting whether there is any other windows lies on top of the window provided by the first interface unit 24. In the same drawing, the first detection unit 25 of the decryption module 30 is used for detecting whether there is a decryption module 30 above it when channel performed in the first interface unit 24 has the same decryption key as the decryption module 30. If yes, first detection unit 25 will transfer encrypted data to the decryption ~~module30~~ module 30. Similarly, the second detection unit 28 is used to detect ~~whether~~ whether a channel-receiving ~~module29~~ module 29 is under itself when the decryption key of decryption ~~module30~~ module 30 is the same with channel performed on the first interface ~~unit24~~ unit 24. If yes, the second detection unit 25 then receives the encrypted data from the first detection unit 25. However, after the decryption

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module 30 is removed from the top of the channel-receiving module 29, decryption terminates. Upon second detection unit 25 receiving the encrypted data, decryption unit 26 then proceed to decryption and display decrypted data with the second interface unit 27, The second interface unit 27 is a window interface and determines the window interface executing environment according to the format of the decrypted data. For example, if the data is graphics then it performs graphics, if it is audio then it performs audio and if it is multimedia then it performs multimedia. The display format is loyal to the decrypted data format.

Please replace the paragraph at page 6, line 2 the following rewritten paragraph:

-- Referring to FIG. 4, the invention further discloses a method for decryption. As in the FIG. 5, in the ~~step 54~~ step 51, receiving and storing encrypted data in a window interface. Then in the step 52, the method proceeds to moving a decryption icon onto top layer of the window. At step 53, the control flows to executing decryption. Followed that it moves to step 54 displaying decrypted channels on the same window provided by the designated icon.